

# SOL-R-ECLIPSE

POST FRAME INSULATION



PREMIUM REFLECTIVE INSULATION



# WHY SOL-R-ECLIPSE?

Sol-R-Eclipse is a patent pending reflective insulation that delivers the highest R Value available from a reflective insulation on the market today using the latest ASTM testing.

First generation reflective insulations utilized packaging materials such as bubble or foams to create the core. These products worked well but had limitations relating to where they could be used due to safety concerns relating to fire issues. These products are mostly vapour barriers so use in areas such as attics and kneewalls is not recommended as moisture problems could be created.

Second generation reflective insulations use textile or fiber type materials as the core, while more efficient and safer, these products use glues to adhere the core to the facers which can delaminate over time.

Sol-R-Eclipse is the next generation of reflective insulation. Sol-R-Eclipse utilizes a patent pending heat sealing technology which creates a one piece material which delivers not only higher R Values but a stronger product which creates a more board like appearance not found in most rolled insulation products.

## FEATURES AND BENEFITS

Board Like Appearance

Highest R Values Available

Stronger One Piece Bond

Class A / Class 1 Fire Rating

Smaller Rolls

Wrinkle Free



# AGRICULTURAL BUILDINGS

Sol-R-Eclipse was designed with agricultural buildings in mind. Sol-R-Eclipse is lightweight for easy installation and is rodent and bird resistant. Because Sol-R-Eclipse addresses radiant heat loss and gains in buildings, it can help increase productivity and reduce mortality. Sol-R-Eclipse is available in either Foil Faced or White Faced to enhance your building's interior.



# POST FRAME BUILDING



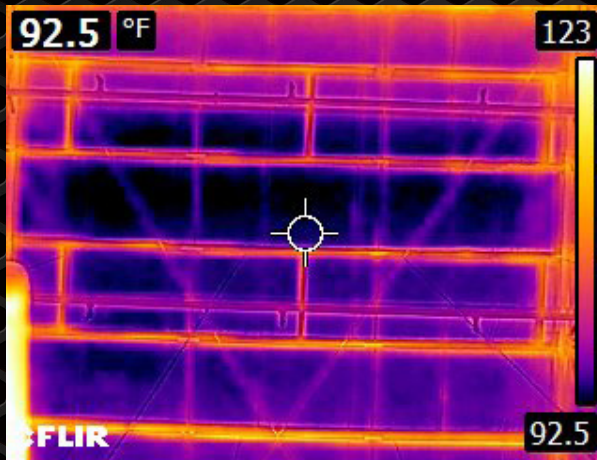
Protect your investment.  
Insist on Sol-R-Eclipse for your next post frame building!



# SOL-R-ECLIPSE PERFORMANCE ADVANTAGE

In 2012 Sol-R-Eclipse was installed in a distribution warehouse 60,000 square foot addition. The existing 60,000 square foot building had been insulated with a plastic core reflective insulation one year earlier. The thermal imaging was performed in July 15, 2013 at 11:00 am. The ambient temperature was 88°F.

## SOL-R-ECLIPSE



## PLASTIC CORE



# THERMAL AND FIRE DATA

### SOL-R-ECLIPSE FOIL/FOIL

Physical Properties	Values	Test Method
Flame Spread	20	ASTM E 84-10a
Smoke Developed	10	ASTM E 84-10a
Full Scale Corner Room	PASS	UL 1715/UBC 26-3

Thermal Performance		ASTM C1363/C1224
Heat Flow Down	R 12.82	
Heat Flow Up	R 9.24	
Heat Flow Horizontal	R 10.60	

### SOL-R-ECLIPSE WHITE/FOIL

Physical Properties	Values	Test Method
Flame Spread	20	ASTM E 84-10a
Smoke Developed	10	ASTM E 84-10a
Full Scale Corner Room	PASS	UL 1715/UBC 26-3

Thermal Performance		ASTM C1363/C1224
Heat Flow Down	R 10.70	
Heat Flow Up	R 8.56	
Heat Flow Horizontal	R 9.45	